



Black and Decker WP900 Motor Replacement

Have a problem with the rotation of the device? This repair guide will provide instructions for replacing the motor.

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INTRODUCTION

This page gives instructions for disassembling the Black and Decker WP900 6-Inch Orbital Waxer and Polisher to the point where the motor can be fully removed and replaced.



TOOLS:

- [iFixit Opening Tools](#) (1)
 - [Phillips #1 Screwdriver](#) (1)
 - [Flathead 3/32" or 2.5 mm Screwdriver](#) (1)
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Step 1 — Motor



- Using the plastic tool, detach the handle tab as shown.

 Make sure the device is unplugged.

Step 2



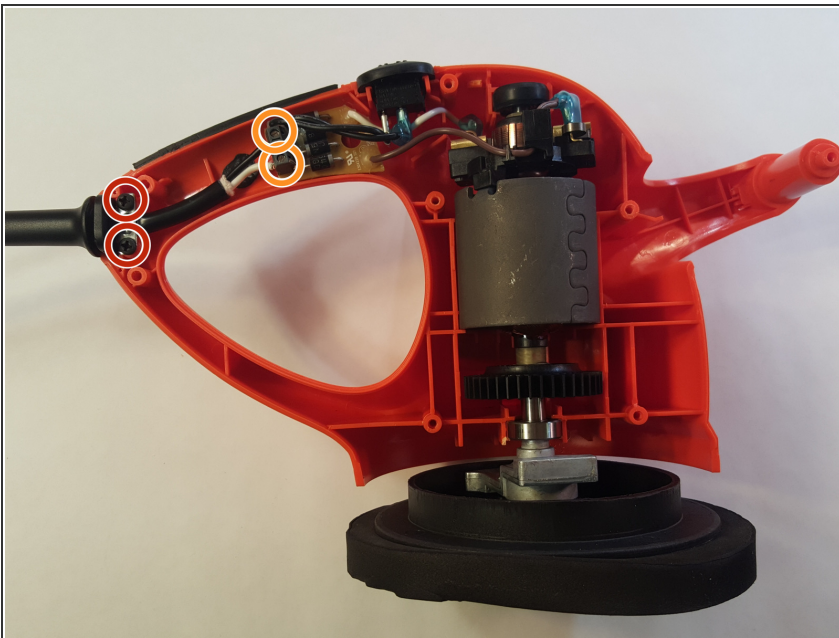
- Using the Philips #1 screwdriver, unscrew all of the screws. There should be 8-30mm screws to remove.
- Be sure to keep track of where each screw was placed in the device for later reassembly.

Step 3



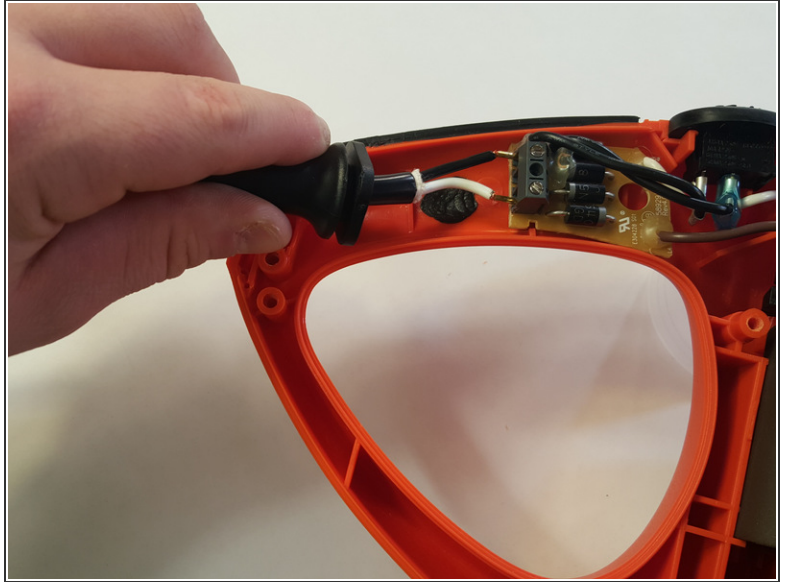
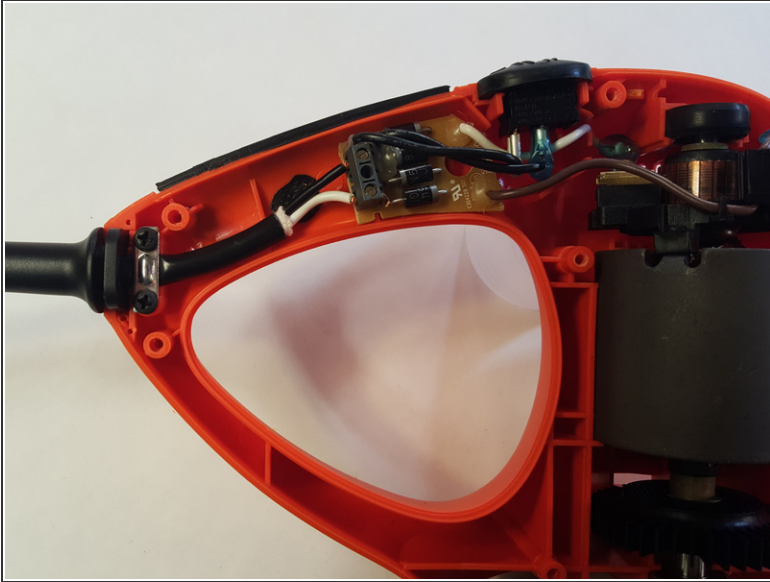
- Remove the back panel of the external casing, leaving all internal components resting in the front panel.
- Remove the black handle from the main external casing.

Step 4



- Loosen the power cord and control panel. Using the Phillips #1 screwdriver, remove two 22mm screws.
- ⓘ The metal bracket will detach with the two screws.
- Using the Flathead 3/32" screwdriver, remove two 22mm screws.

Step 5



- Gently pull the power cord out from the control module.

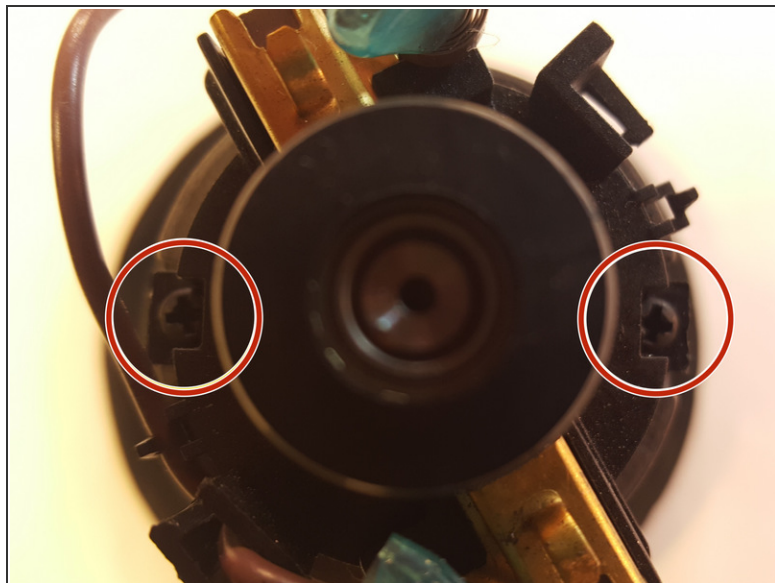
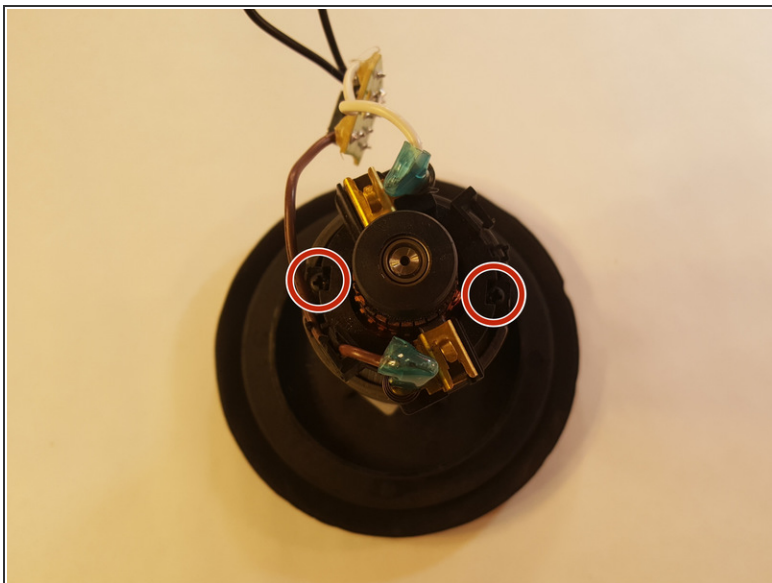
⚠ Remember, when you're reassembling the device, the black wire should be on the top.

Step 6



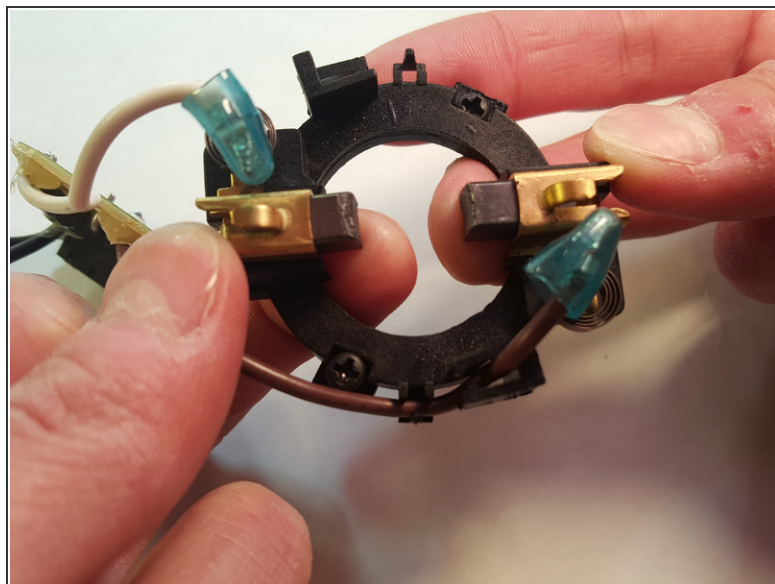
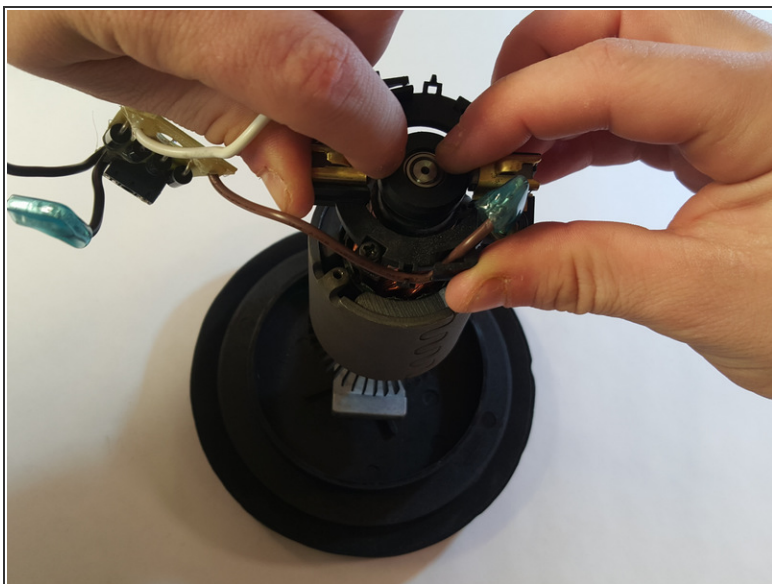
- Firmly grasping the motor, dislodge the internal components from the frontal external casing.
- ⓘ Switch and control panel are attached to the motor.

Step 7



- Using a Phillips #1 screwdriver, remove the two 22mm screws securing the brush assembly to the motor.

Step 8



- To fully remove the brush assembly from the motor, push the brushes (enclosed in the gold ribbing) outward and pull up.

Step 9



- With a large amount of force, pull the motor up and off of the wire coil.

To reassemble your device, follow these instructions in reverse order.

This document was last generated on 2017-06-24 05:03:02 AM.